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(71) Applicant (for all designated States except US): **EUTICALS PRIME EUROPEAN THERAPEUTICALS SPA** [IT/IT]; Via Emilia, 99, I-26900 Lodi (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GIORDANO, Claudio** [IT/IT]; Via Pollaiuolo, 4, I-20159 Milano (IT). **GIANNINI, Luca** [IT/IT]; Piazzale San Giuseppe, 3, I-27100 Pavia (IT).

(74) Agents: **PISTOLESI, Roberto** et al.; Dragotti & Associati Srl, Galleria San Babila 4/C, I-20122 Milano (IT).

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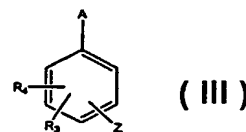
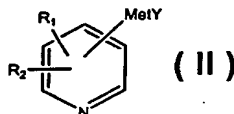
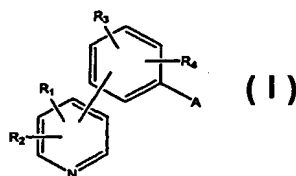
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(54) Title: PROCESS FOR THE PREPARATION OF ARYL-PIRIDYL COMPOUNDS



(57) Abstract: A method is described for the preparation of aryl-pyridine compounds of formula (I) by cross-coupling reaction, promoted by catalytic systems based on palladium or nickel between compounds of formula (II) and (III) in which: - Met represents Mg or Zn, - Y represents Cl, Br, I or acetoxy, - Z represents I, Br, Cl, triflate, sulphonate, phosphate, - R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, which are the same as one another or different, represent hydrogen, a linear and/or branched C<sub>1</sub>-C<sub>4</sub> alkyl, and/or an aryl, and/or a heteroaryl, or R<sub>1</sub> and R<sub>2</sub> and/or R<sub>3</sub> and R<sub>4</sub>, taken together, form a C<sub>3</sub>-C<sub>8</sub> ring, an aryl and/or a heteroaryl, - A represents -COR<sub>5</sub> where R<sub>5</sub> represents hydrogen, a linear and/or branched C<sub>1</sub>-C<sub>4</sub> alkyl, and/or an aryl, and/or a heteroaryl, or - A represents -CR<sub>6</sub>(OR<sub>6</sub>)(OR<sub>7</sub>) where R<sub>5</sub> has the meaning described above and R<sub>6</sub> and R<sub>7</sub>, which are the same as one another or different, represent a linear and/or branched C<sub>1</sub>-C<sub>4</sub> alkyl, and/or an aryl, and/or a heteroaryl, or R<sub>6</sub> and R<sub>7</sub>, joined together, represent a C<sub>1</sub>-C<sub>8</sub> alkyl or alkenyl.